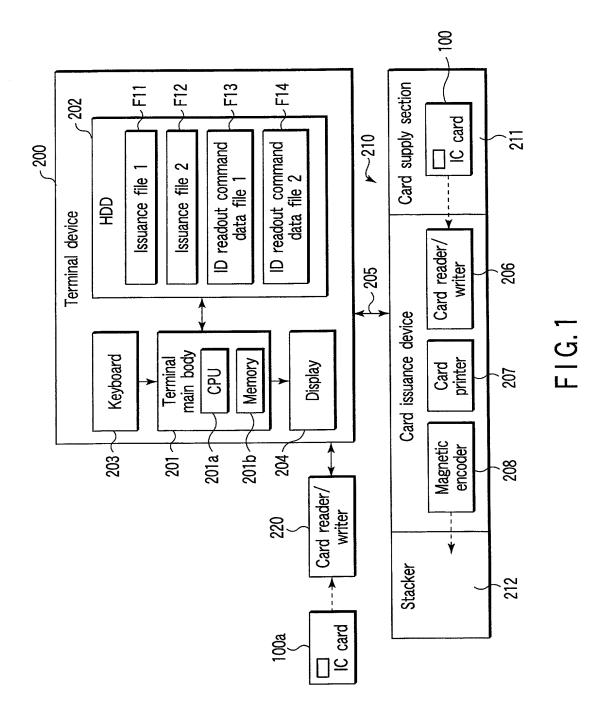
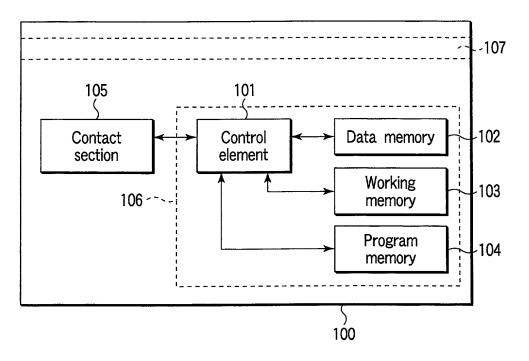
Sheet 1 of 28



Sheet 2 of 28



F I G. 2

Inventor: NISHIMURA Filing Date: December 17, 2001 Attorney Docket: 290482 Sheet 3 of 28

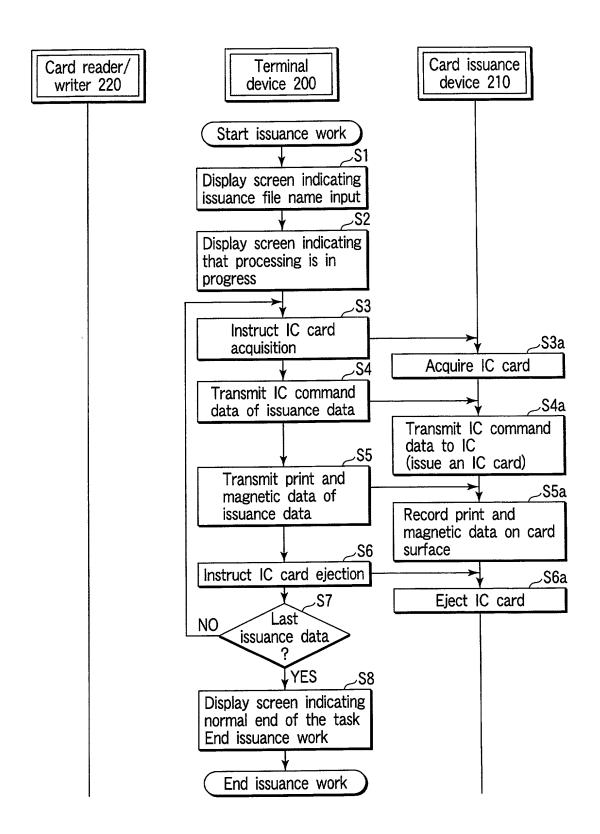
Item 3:(IC command data) Membership number (ID)	IC1=Write Address #1 000007	IC1=Write Address #1 000014	•••	IC1=Write Address #1 000157	IC1=Write Address #1 000004	•••	IC1=Write Address #1 002004
Item 2: (Print data) Membership number (ID)	UG2=000007	UG2=000014	•••	UG2=000157	UG2=000004	•••	UG2=002004
Item 1: (Print data) Name (Chinese character)	UG1=Tanaka taro	UG1=Suzuki jiro	•••	UG1=Hayashi saburo	UG1=Matsumoto shiro	•••	UG1=Nakamura goro
	Record #1	Record #2	•••	Record #13	Record #14	•••	Record #21

Item 4: (IC com	mand data)	Item 5: (IC command data)	Item 4: (IC command data) Item 5: (IC command data) Item 6: (IC command data)
Validity	·.	Password	Key 1
IC2=Write Addres	ss #2 2000.09	IC3=Set Key 737c545a87	IC2=Write Address #2 2000.09   IC3=Set Key 737c545a87   IC4=Set Key 93 24d8 88 AB
IC2=Write Addres	ss #2 2001.10	IC3=Set Key 4787ea7184	IC2=Write Address #2 2001.10   IC3=Set Key 4787ea7184   IC4=Set Key d0 93b2 cb 46
•••		•••	•••
IC2=Write Addres	ss #2 2005.08	IC3=Set Key c8d7eb567f	IC2=Write Address #2 2005.08 IC3=Set Key c8d7eb567f   IC4=Set Key 82 6a. eb 0b 87
IC2=Write Addres	ss #2 2002.07	IC3=Set Key 8181fc35d8	IC2=Write Address #2 2002.07 IC3=Set Key 8181fc35d8 IC4=Set Key 49 836c 44 78
•••		•••	•••
IC2=Write Addres	ss #2 2000.12	IC3=Set Key eefaac5620	IC2=Write Address #2 2000.12   IC3=Set Key eefaac5620   IC4=Set Key 35 89fb f9 90

Inventor: NISHIMURA Filing Date: December 17, 2001 Attorney Docket: 290482 Sheet 4 of 28

Item 1:(IC command data)	Item 2 : (IC command data)   Item 3	Item 3: (IC command data)	3: (IC command data) Item 4: (IC command data)
PIN correlation	directory selection	EF selection	Address #1 readout
IC1=Verify PIN	IC2=Select ADF	IC3=Select EF	IC4=Read Record #1

Sheet 5 of 28



F I G. 5

Sheet 6 of 28

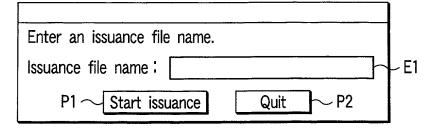
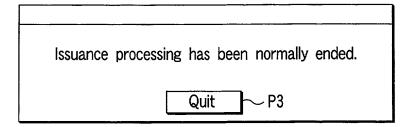


FIG.6

Issuance process is in progress.

Please wait for a while.

FIG.7



F I G. 8

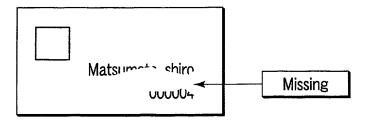


FIG. 9

Sheet 7 of 28

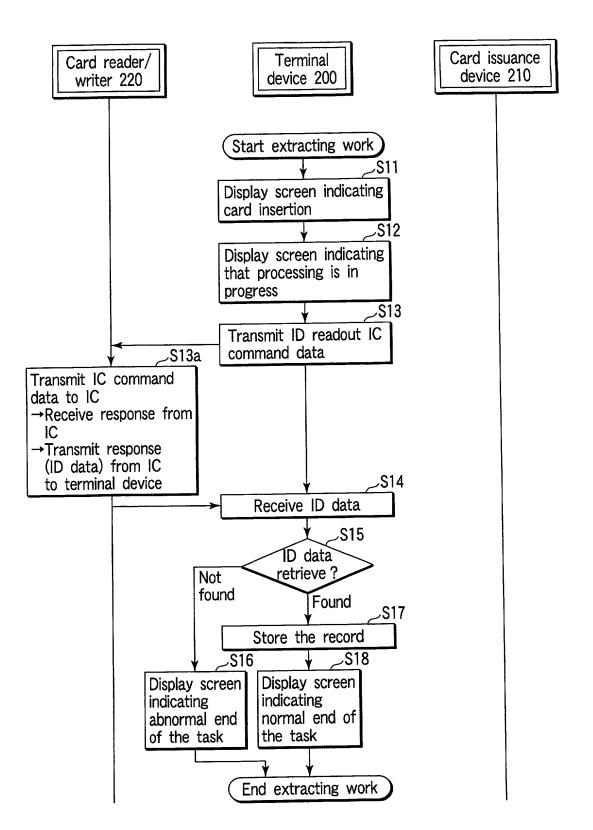


FIG. 10

արը ու դա

Sheet 8 of 28

Enter an issuance file name of an IC card to be reissued and an ID readout command data file name, and then, insert the IC card to be reissued into a card reader/writer.

Issuance file name:

E2

ID readout command data file name:

P4

Start extraction

Quit

P5

FIG. 11

Processing is in progress. Please wait for a while.

FIG. 12

Issuance file output of data of card to be reissued has been normally ended.

Quit P6

FIG. 13

Sheet 9 of 28

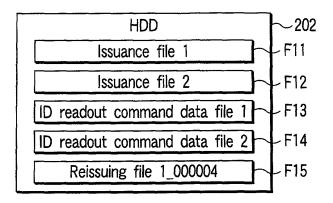


FIG. 14

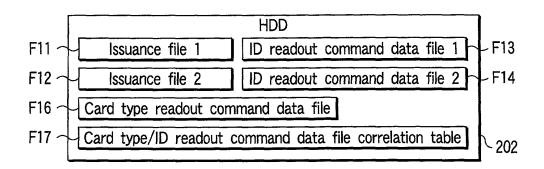


FIG. 15

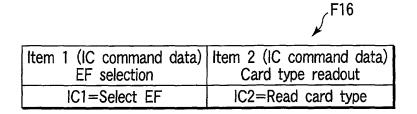


FIG. 16

Card type information	ID readout command data file name
010	ID readout command data file 1
020	ID readout command data file 2

FIG. 17

Sheet 10 of 28

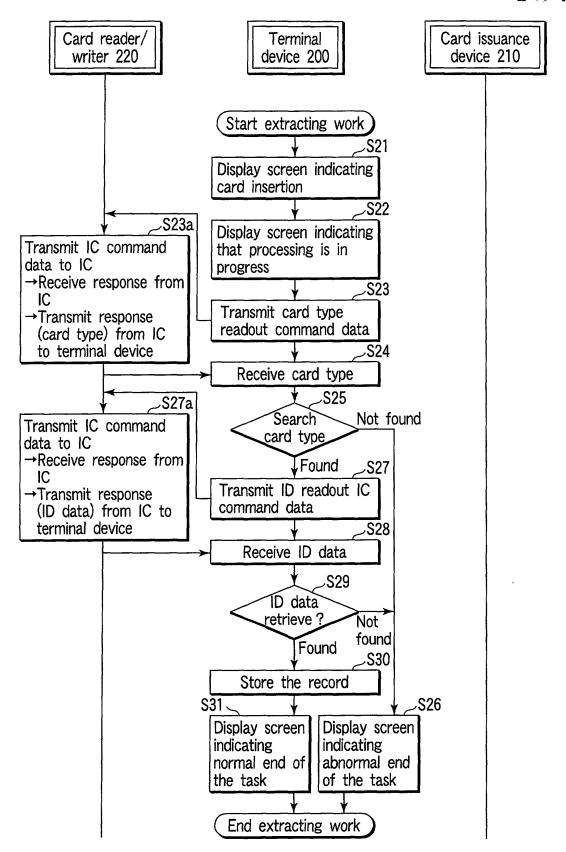


FIG. 18

Filing Date: December 17, 2001 Attorney Docket: 290482

Sheet 11 of 28

Enter an issuance file name of an IC card to be reissued, and then, insert the IC card to be reissued into a card reader/writer.

Issuance file name:

Quit

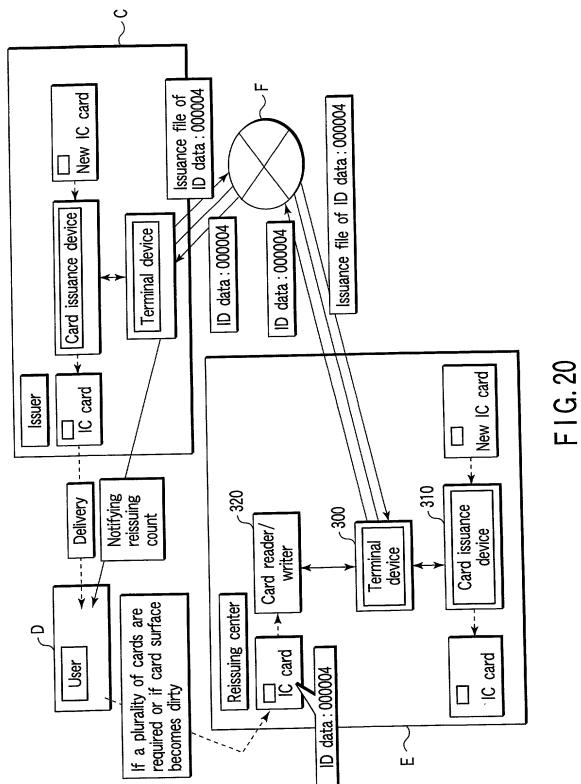
~ P8

FIG. 19

Start

e e min

Sheet 12 of 28



All additions of the contraction

Inventor: NISHIMURA Filing Date: December 17, 2001 Attorney Docket: 290482 Sheet 13 of 28

- <b>-</b> -	IC1=Write Address #1 002004	UG2=002004	UG1=Nakamura goro	Record #21
	•••	•••	•••	•••
	IC1=Write Address #1 000004	UG2=000004	UG1=Matsumoto shiro	Record #14
	IC1=Write Address #1 000157	UG2=000157	UG1=Hayashi saburo	Record #13
	•••	•••	•••	•••
·	IC1=Write Address #1 000014	UG2=000014	UG1=Suzuki jiro	Record #2
	IC1=Write Address #1 000007	UG2=000007	UG1=Tanaka taro	Record #1
	Membership number (ID)	Membership number (ID)	Name (Chinese character)	
	Item 3: (IC command data)	Item 2: (Print data)	Item 1: (Print data)	

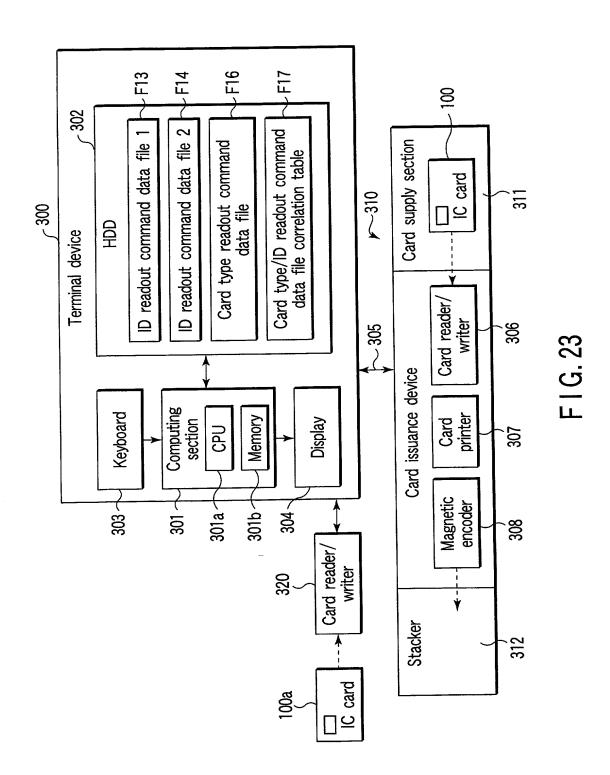
Item 4: (IC command data)   Item 5: (IC command data)	Item 5: (IC command data)	Item 6
Validity	Password	Issuance count
IC2=Write Address #2 2000.09 IC3=Set Key 737c545a87	IC3=Set Key 737c545a87	Num=0
IC2=Write Address #2 2001.10 IC3=Set Key 4787ea7184	IC3=Set Key 4787ea7184	Num=0
•••	•••	•••
IC2=Write Address #2 2005.08 IC3=Set Key c8d7eb567f	IC3=Set Key c8d7eb567f	Num=0
IC2=Write Address #2 2002.07	IC3=Set Key 8181fc35d8	Num=0
•••	•••	•••
IC2=Write Address #2 2000.12 IC3=Set Key eefaac5620	IC3=Set Key eefaac5620	Num=0

Inventor: NISHIMURA Filing Date: December 17, 2001 Attorney Docket: 290482 Sheet 14 of 28

Item 3:(IC command data) Membership number (ID)	IC1=Write Address #1 000007	IC1=Write Address #1 000014	•••	IC1=Write Address #1 000157	IC1=Write Address #1 000004	•••	IC1=Write Address #1 002004	
Item 2: (Print data) Membership number (ID)	UG2=000007	UG2=000014	•••	UG2=000157	UG2=000004	•••	UG2=002004	
Item 1 : (Print data) Name (Chinese character)	UG1=Tanaka taro	UG1=Suzuki jiro	•••	UG1=Hayashi saburo	Record #14 UG1=Matsumoto shiro	•••	Record #21 UG1=Nakamura goro	
	Record #1	Record #2	•••	Record #13	Record #14	•••	Record #21	

m 4:(I(	command data)	Item 4: (IC command data) Item 5: (IC command data)	Item 6
	Validity	Password	Issuance count
2=Write	Address #2 2000.09	IC2=Write Address #2 2000.09 IC3=Set Key 737c545a87	Num=1
2=Write	Address #2 2001.10	IC2=Write Address #2 2001.10 IC3=Set Key 4787ea7184	Num=1
	•••	•••	•••
2=Write	Address #2 2005.08	IC2=Write Address #2 2005.08 IC3=Set Key c8d7eb567f	Num=1
2=Write	Address #2 2002.07	IC2=Write Address #2 2002.07 IC3=Set Key 8181fc35d8	Num=3
	• • •	•••	•••
2=Write	Address #2 2000.12	IC2=Write Address #2 2000.12 IC3=Set Key eefaac5620	Num=1

Sheet 15 of 28



Sheet 16 of 28

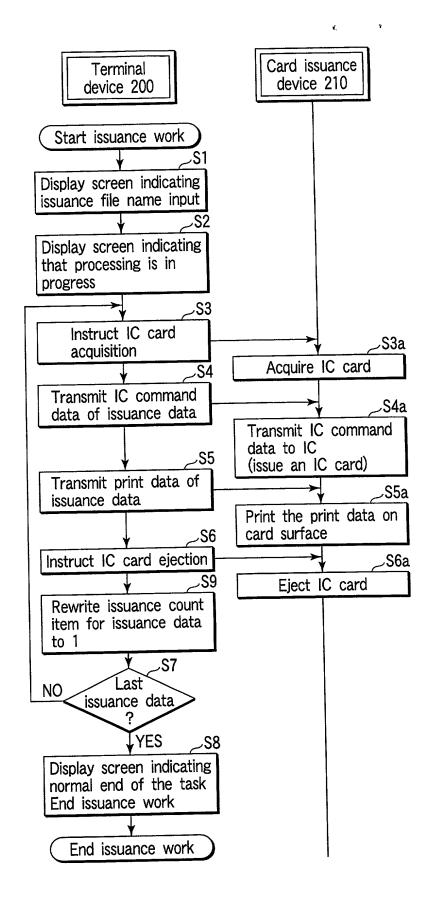


FIG. 24

Illi utalika ere oreze

Sheet 17 of 28

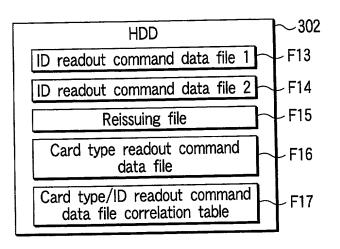
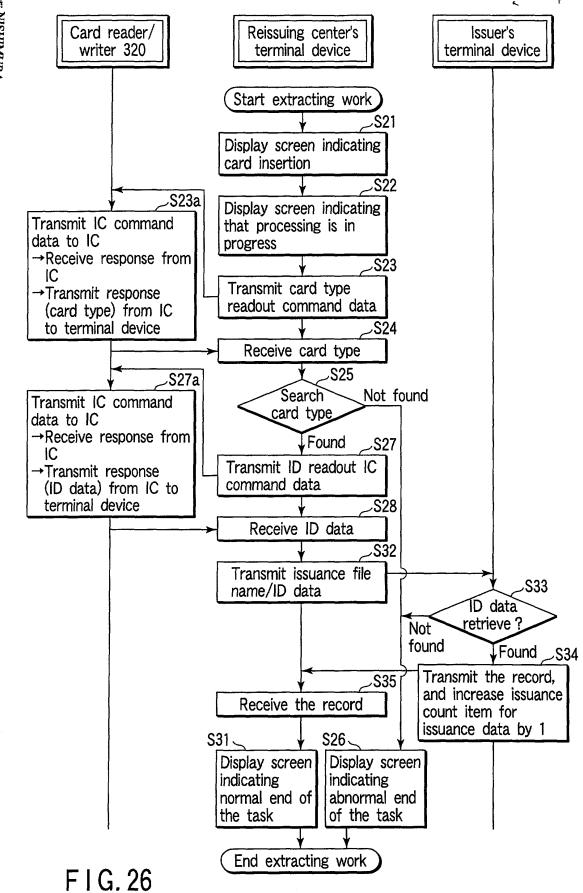
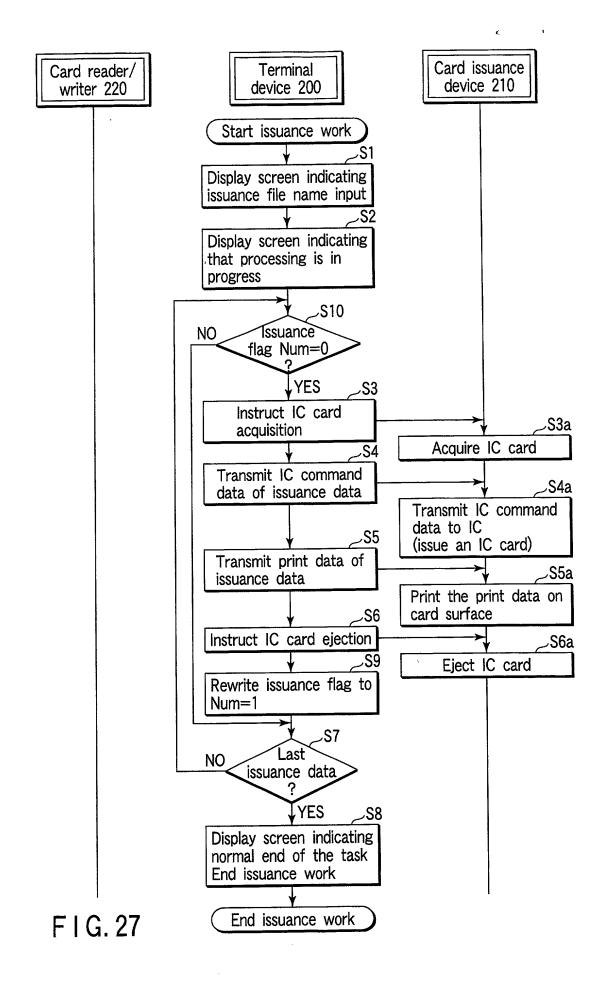


FIG. 25



D. DESIGNATION



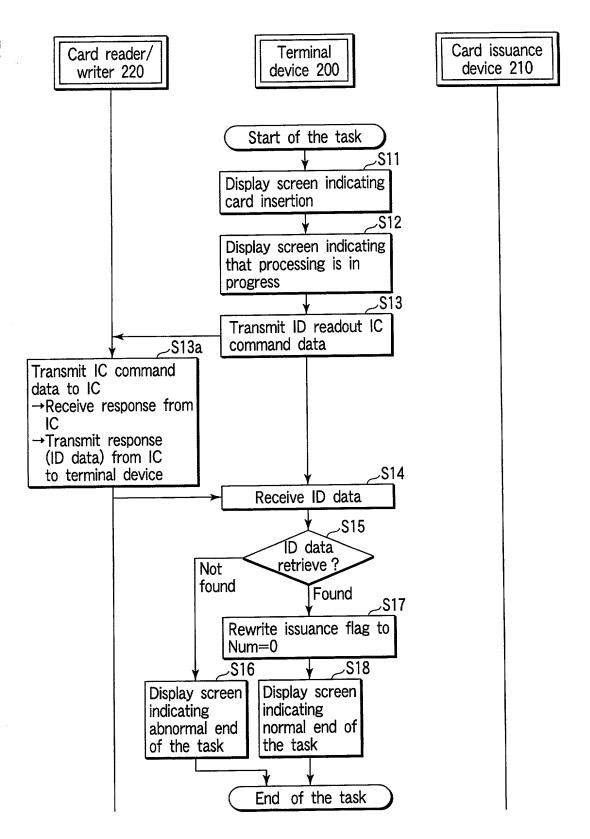


FIG. 28

Filing Date: December 17, 2001 Attorney Docket: 290482

Sheet 21 of 28

A work of rewriting data issuance count of a card to be reissued into "unissue" has been normally ended.

Quit ~P

FIG. 29

Sheet 22 of 28

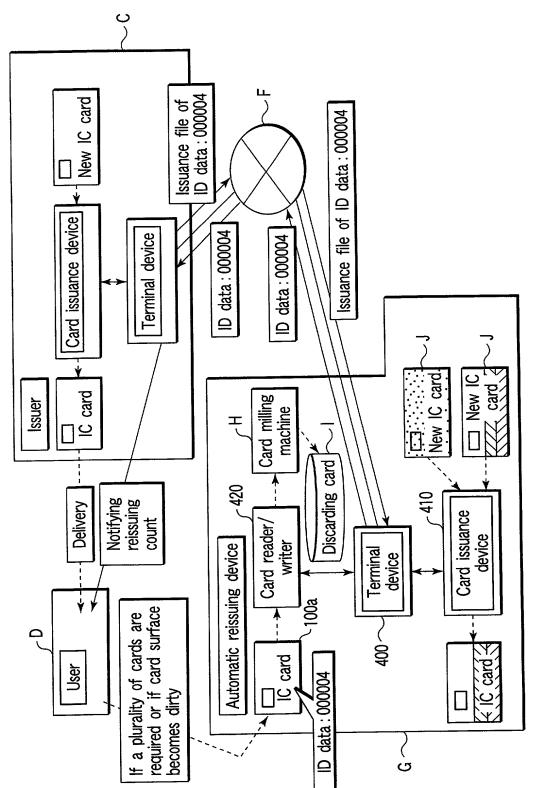


FIG. 30

Filing Date: December 17, 2001

Attorney Docket: 290482

Sheet 23 of 28

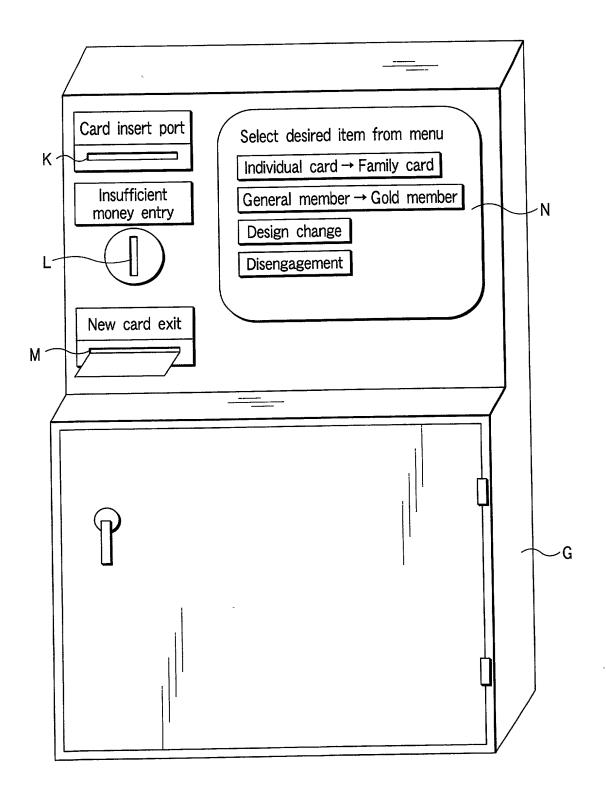


FIG. 31

the contract of the second of the contract of

TO PERSON TO

Inventor: NISHIMURA Filing Date: December 17, 2001 Attorney Docket: 290482 Sheet 24 of 28

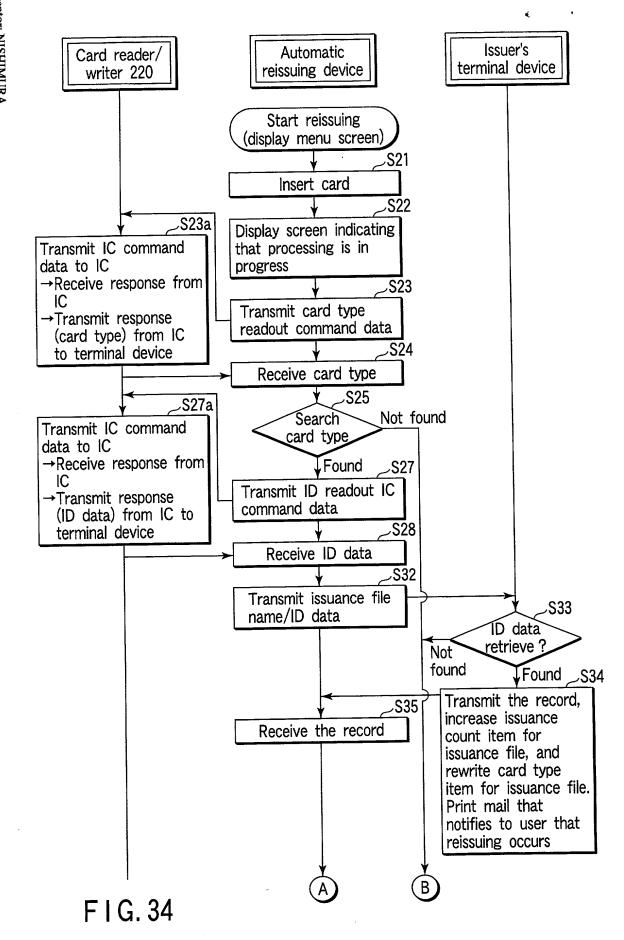
	Item 1:(Print data)	Item 2: (Print data)	Item 3: (IC command data)
	Name (Chinese character)	Membership number (ID)	Membership number (ID)
Record #1	UG1=Tanaka taro	UG2=000007	IC1=Write Address #1 000007
Record #2	UG1=Suzuki jiro	UG2=000014	IC1=Write Address #1 000014
•••	•••	•••	•••
Record #13	UG1=Hayashi saburo	UG2=000157	IC1=Write Address #1 000157
Record #14	j	UG2=000004	IC1=Write Address #1 000004
•••	•••	•••	•••
Record #21	UG1=Nakamura goro	UG2=002004	IC1=Write Address #1 002004

	Individual/General	Individual/General		Individual/General	Individual/General	•••	Num=0 Individual/General
Item 6 Issuance cou	Num=0	Num=0	•••	Num=0	Num=0	•••	Num=0
Item 5: (IC command data) Password	IC3=Set Key 737c545a87	IC3=Set Key 4787ea7184	•••	IC3=Set Key c8d7eb567f	IC3=Set Key 8181fc35d8	•••	IC3=Set Key eefaac5620
Item 4: (IC command data) Item 5: (IC command data) Iss	IC2=Write Address #2 2000.09 IC3=Set Key 737c545a87	IC2=Write Address #2 2001.10 IC3=Set Key 4787ea7184	•••	IC2=Write Address #2 2005.08 IC3=Set Key c8d7eb567f	IC2=Write Address #2 2002.07 IC3=Set Key 8181fc35d8	•••	IC2=Write Address #2 2000.12 IC3=Set Key eefaac5620

Inventor: NISHIMURA Filing Date: December 17, 2001 Attorney Docket: 290482 Sheet 25 of 28

ımand data) ımber (ID)	ss #1 000007	ss #1 000014		ss #1 000157	ss #1 000004		ss #1 002004
Item 3: (IC command data)  Membership number (ID)	IC1=Write Address #1 000007	IC1=Write Address #1 000014	•••	IC1=Write Address #1 000157	IC1=Write Address #1 000004	•••	IC1=Write Address #1 002004
Item 2: (Print data) Membership number (ID)	UG2=000007	UG2=000014	•••	UG2=000157	UG2=000004	•••	UG2=002004
Item 1: (Print data)  Name (Chinese character)	UG1=Tanaka taro	UG1=Suzuki jiro	•••	UG1=Hayashi saburo	UG1=Matsumoto shiro	•••	UG1=Nakamura goro
	Record #1	Record #2	•••	Record #13	Record #14	•••	Record #21

1 4: (IC command data)	Item 4: (IC command data) Item 5: (IC command data)	Item 6	Item 7:
Validity	Password	Ħ	ਲ
IC2=Write Address #2 2000.09 IC3=Set Key 737c545a87	IC3=Set Key 737c545a87	Num=1	Individual/General
C2=Write Address #2 2001.10   IC3=Set Key 4787ea7184	IC3=Set Key 4787ea7184	Num=2	Individual/Gold
•••	•••	•••	•••
IC2=Write Address #2 2005.08 IC3=Set Key c8d7eb567f	IC3=Set Key c8d7eb567f	Num=1	Individual/General
IC2=Write Address #2 2002.07 IC3=Set Key 8181fc35d8	IC3=Set Key 8181fc35d8	Num=3	Family 2/General
•••	•••	•••	•••
IC2=Write Address #2 2000.12   IC3=Set Key eefaac5620	IC3=Set Key eefaac5620	Num=1	Disengagement



Filing Date: December 17, 2001

Attorney Docket: 290482

Sheet 27 of 28

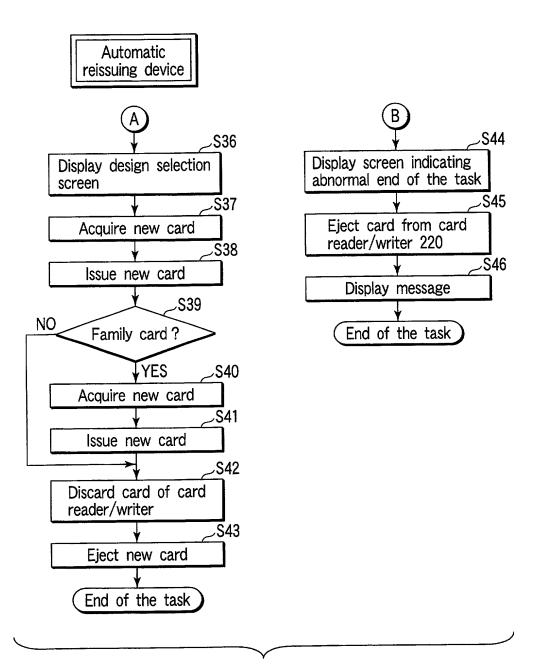


FIG. 35

Filing Date: December 17, 2001

Attorney Docket: 290482 Sheet 28 of 28

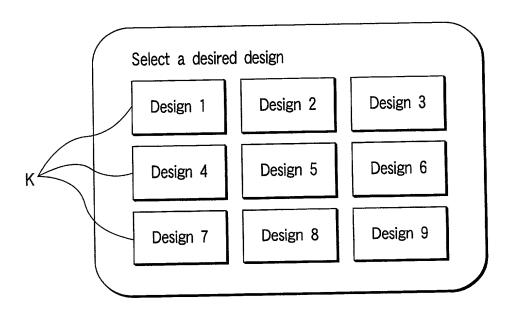


FIG. 36

stille addition ... its